

Date: February 2016

Subject: Introduction of Enhanced Knuckles on Meritor Non-Drive Front Steer Axles

Models: FG-941, FG-943, TFG-941, TFG-943, TFG-94X, MFS-66-122, MFS-66-124,
TMFS-66-122, TMFS-66-124 and TMFS-66-12X

Dear Customer,

In an effort to continually improve and expand its product line offerings, Meritor Australia is pleased to announce the release of a new enhanced knuckle for the locally assembled non-drive front steer axles listed above.

The new enhanced knuckle (shown below) is approved for maximum 6,622 KG (14,600 pounds) Gross Axle Weight Rating (GAWR) applications and can package both Meritor EX225 air disc brake and QPlus drum brake systems. In all cases, the new enhanced knuckle meets or exceeds Meritor's performance, acceptance and validation criteria.



Features of the Enhanced Knuckle:

- Compatible with existing Meritor EX225 air disc brake and QPlus drum brake systems
- Allows for packaging Meritor EX225 air disc brakes at or near the 12 o'clock position, which permits a wheel cut of up to 55 degrees
- Compatible with existing Meritor beam, steering arm and tie rod assemblies

**Note: Certain vehicle characteristics can impact an axle's performance and durability. Proper application analysis must be performed prior to axle installation to ensure acceptable operating parameters.*

The enhanced knuckle is not directly interchangeable with existing FG-94* knuckles. The enhanced knuckles require new design king-pins and screw-in king-pin caps in place of the current bolt-on caps.

Component	FG-94* Knuckles	Enhanced Knuckles
Knuckle Left Hand	A1-3111-Y-3301	A1-3111-L-4666
Knuckle Right Hand	A1-3111-B-3304	A1-3111-R-4724
King-Pin	3101-D-1070	3101-T-1086
King-Pin Cap Top	2297-T-4752	3280-B-9830
King-Pin Cap Bottom	2297-T-4752	3280-C-9831

Service components for in-service FG-94* axles including replacement knuckles will continue to be available through standard Meritor aftermarket channels.

For axles with enhanced knuckles, the king pin kit part number for service is R201608, which includes the new king-pins, king-pin caps and associated hardware items. For service procedures, please refer to maintenance manual MM-2, which is available from the Literature on Demand section at www.meritor.com.

With the introduction of the enhanced knuckles, Meritor Australia will create new axle specification numbers with MFS66 nomenclature in place of the current FG-94* nomenclature.

Current Axle Nomenclature	Equivalent New Axle with Enhanced Knuckles
FG-941	MFS-66-122
FG-943	MFS-66-124
T-FG-941	T-MFS-66-122
T-FG-943	T-MFS-66-124
T-FG-94X	T-MFS-66-12X

Axles supplied from 15th February 2016 onwards will feature the enhanced knuckles and will be identified using the MFS66 nomenclature. Please refer to page 3 and 4 for MFS66 axle nomenclature charts.

For any questions relating to the above, please contact a Meritor® Australia representative on +613-9300-5200. Additional product and service information for Meritor axles is available from the Literature on Demand section at www.meritor.com.

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